

APPLICATION and PERFORMANCE SPECIFICATION

**Description:** High frequency electronic ballast for (4/3) F32T8, (4/3) F32T8ES-30W, (4/3) F28T8 (4/3) F32T8ES-25W, (4/3) F25T8 and (4/3) F17T8. Also equivalent U-shaped lamps.

- Line Voltage: 108vac - 305vac, 50/60Hz
- Parallel Lamp Operation
- Programmed Start
- Active Power Factor Correction

\*60 Hz data

Lamp		Volts	Input Watts	Nominal Line Amps	Power Factor	Ballast Factor	Ballast Efficacy Factor	Harmonic Total	Crest Factor
Type	#								
F32T8	4	120	143	1.20	0.99	1.15	0.81	< 10%	< 1.7
F32T8	4	277	141	0.50	0.98	1.15	0.82	< 10%	< 1.7
F32T8	3	120	103	0.87	0.99	1.12	1.08	< 10%	< 1.7
F32T8	3	277	102	0.38	0.97	1.12	1.10	< 10%	< 1.7
F32T8ES (30W)	4	120	135	1.14	0.99	1.18	0.87	< 10%	< 1.7
F32T8ES (30W)	4	277	134	0.50	0.97	1.18	0.88	< 10%	< 1.7
F32T8ES (30W)	3	120	99	0.84	0.99	1.13	1.14	< 10%	< 1.7
F32T8ES (30W)	3	277	98	0.37	0.96	1.13	1.15	< 10%	< 1.7
F28T8	4	120	125	1.05	0.99	1.18	0.95	< 10%	< 1.7
F28T8	4	277	125	0.46	0.98	1.18	0.94	< 10%	< 1.7
F28T8	3	120	90	0.76	0.99	1.13	1.25	< 10%	< 1.7
F28T8	3	277	90	0.34	0.96	1.13	1.25	< 10%	< 1.7
F32T8ES (25W)	4	120	124	1.04	0.99	1.18	0.96	< 10%	< 1.7
F32T8ES (25W)	4	277	118	0.45	0.95	1.18	1.00	< 10%	< 1.7
F32T8ES (25W)	3	120	90	0.76	0.99	1.13	1.26	< 10%	< 1.7
F32T8ES (25W)	3	277	92	0.35	0.95	1.13	1.23	< 10%	< 1.7
F25T8	4	120	112	0.94	0.99	1.18	1.06	< 10%	< 1.7
F25T8	4	277	108	0.41	0.95	1.18	1.09	< 10%	< 1.7
F25T8	3	120	82	0.69	0.99	1.13	1.38	< 10%	< 1.7
F25T8	3	277	82	0.31	0.95	1.13	1.39	< 10%	< 1.7
F17T8	4	120	77	0.65	0.99	1.19	1.54	< 10%	< 1.7
F17T8	4	277	79	0.30	0.95	1.20	1.52	< 10%	< 1.7
F17T8	3	120	56	0.47	0.99	1.14	2.04	< 10%	< 1.7
F17T8	3	277	58	0.23	0.91	1.14	1.97	< 10%	< 1.7

Application and Performance Specification Information Subject to Change without Notification.

**Performance:**

- Meets ANSI Standard C82.11-2011
- Meets ANSI Standard C62.41-2002
- Meets FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits

**Safety:**

- No PCBs
- cUL US listed (Class P, Type 1 Outdoor, Type HL)

**Application:**

- Minimum Starting Temperature: 0° F, -18° C  
With no remote mounting: -20° F, -29° C  
For ES & 28W Lamps: 60° F, 16° C
- Maximum Case Temperature: 194° F, 90° C
- Sound Rated: A
- Remote/Tandem Mounting: 20' max, with full wattage lamps  
6' max, with energy saving lamps

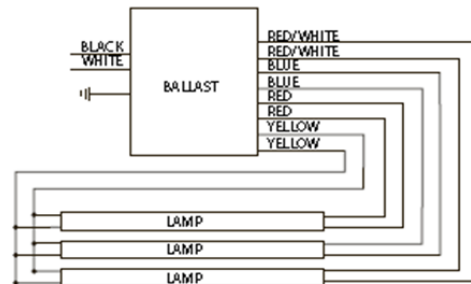
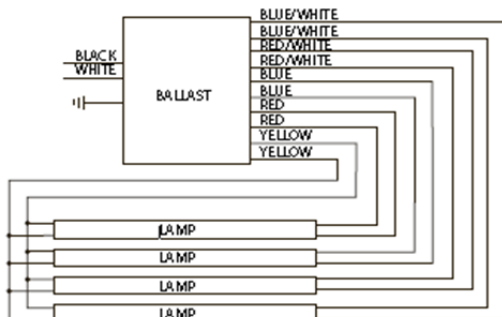
**Physical Parameters:**

- Length: 16.88"
- Width: 1.74"
- Height: 1.18"
- Weight: 2.5 lbs.
- Lead Lengths: 010C, 000I, 000T
- White, Black 25" (± 1")
- Red, Blue 33" (± 1")
- Red-Wht, Blu-Wht 33" (± 1")
- Yellow 47" (± 1")

**Warranty:**

Universal Lighting Technologies warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 5 years from date of manufacture when properly installed and under normal conditions of use with a maximum case temperature of 75°C or 3 years when used with a maximum case temperature of 90°C.

Call 1-800-BALLASTx800 for technical assistance.



For three lamp operation, individually cap unused blue/white leads, insulate to 600 volts



**Ballast Must be Grounded**

**Manufactured in North America**  
www.unvlt.com